



Docket No.: 249475US0

Serial No.: 10/802,887

**LIST OF RELATED CASES CITED BY  
APPLICANT UNDER 37 CFR 1.56**

Inventor: Chiaki TANAKA, et al.

Filing Date: March 18, 2004

Group: 1756

**LIST OF RELATED CASES**

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
	<u>249475US0*</u>	<u>10/802,887</u>	<u>03/18/04</u>	<u>2005/0026066</u>	<u>TANAKA, et al.</u>
<u>~~~~~ C ~~~~</u>	<u>283933US3</u>	<u>11/313,817</u>	<u>12/22/05</u>		<u>INOUE, et al.</u>

Examiner

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Date Considered

5/06

\*Present Application; listed for information

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| Form PTO 1449<br>(Modified)                                                                                                                                                                                                                  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>249475US0  | SERIAL NO. 10/802,887<br>New Application |                                                                  |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------|----------|-------------------------------|------------------------------------------|------------------------------------------------------------------|----------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                                                                                                                                                                                        |    | APPLICANT<br>Chiaki TANAKA, et al.                         |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              |    | FILING DATE<br>Herewith                                    | 3-18-04  | GROUP                         | 1756                                     |                                                                  |                            |
| U.S. PATENT DOCUMENTS                                                                                                                                                                                                                        |    |                                                            |          |                               |                                          |                                                                  |                            |
| EXAMINER INITIAL                                                                                                                                                                                                                             |    | DOCUMENT NUMBER                                            | DATE     | NAME                          | CLASS                                    | SUB CLASS                                                        | FILING DATE IF APPROPRIATE |
| MC                                                                                                                                                                                                                                           | AA | 2,297,691                                                  | 04/04/39 | CARLSON                       |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AB | 2,931,899                                                  | 04/05/60 | PETERSON                      |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AC | 6,660,443                                                  | 12/09/03 | SUGIYAMA ET AL                |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AD | 6,596,449                                                  | 07/22/03 | SHIMADA ET AL                 |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AE | 6,492,079                                                  | 12/10/02 | SHIMADA ET AL                 |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AF | 6,548,216                                                  | 04/15/03 | KAWAMURA ET AL                |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AG | 6,544,701                                                  | 04/08/03 | TADOKORO ET AL                |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AH | 6,465,648                                                  | 10/15/02 | TADOKORO ET AL                |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AI | 6,524,761                                                  | 02/25/03 | SHIMADA ET AL                 |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AJ | 6,667,141                                                  | 12/23/03 | IWAMOTO ET AL                 |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AK | 6,313,288                                                  | 11/06/01 | SHIMADA ET AL                 |                                          |                                                                  |                            |
| ↓                                                                                                                                                                                                                                            | AL | 6,303,736                                                  | 10/16/01 | KAWAMURA ET AL                |                                          |                                                                  |                            |
| ↓                                                                                                                                                                                                                                            | AM | 6,187,494                                                  | 02/13/01 | KAWAMURA ET AL                |                                          |                                                                  |                            |
| MC                                                                                                                                                                                                                                           | AN | 6,172,176                                                  | 01/09/01 | TANAKA ET AL                  |                                          |                                                                  |                            |
| FOREIGN PATENT DOCUMENTS                                                                                                                                                                                                                     |    |                                                            |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              |    | DOCUMENT NUMBER                                            | DATE     | COUNTRY                       | TRANSLATION                              |                                                                  |                            |
|                                                                                                                                                                                                                                              |    |                                                            |          |                               | YES                                      | NO                                                               |                            |
| MC                                                                                                                                                                                                                                           | AO | 43-24748                                                   | 10/25/43 | Japan                         |                                          |                                                                  | xx                         |
|                                                                                                                                                                                                                                              | AP | 60-090344                                                  | 05/21/85 | Japan (English Abstract only) |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AQ | 64-015755                                                  | 01/19/89 | Japan (English Abstract only) |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AR | 02-082267                                                  | 03/22/90 | Japan (English Abstract only) |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AS | 03-229264                                                  | 10/11/91 | Japan (English Abstract only) |                                          |                                                                  |                            |
| ↓                                                                                                                                                                                                                                            | AT | 03-041470                                                  | 02/21/91 | Japan (English Abstract only) |                                          |                                                                  |                            |
| ↓                                                                                                                                                                                                                                            | AU | 11-305486                                                  | 11/05/99 | Japan (English Abstract only) |                                          |                                                                  |                            |
| MC                                                                                                                                                                                                                                           | AV | 62-063940                                                  | 03/20/87 | Japan (English Abstract only) |                                          |                                                                  |                            |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)                                                                                                                                                                      |    |                                                            |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AW |                                                            |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AX |                                                            |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AY |                                                            |          |                               |                                          |                                                                  |                            |
|                                                                                                                                                                                                                                              | AZ |                                                            |          |                               |                                          | <input type="checkbox"/> Additional References sheet(s) attached |                            |
| Examiner /Mark Chapman/                                                                                                                                                                                                                      |    |                                                            |          | Date Considered 04/26/2006    |                                          |                                                                  |                            |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                                                            |          |                               |                                          |                                                                  |                            |

| Form PTO 1449<br>(Modified)                                                                                                                                                                                                                  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                   | ATTY DOCKET NO.<br><b>249475US0</b> | SERIAL NO. <b>10/802,887</b><br>New Application                  |           |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------|-------------------|-------------------------------------|------------------------------------------------------------------|-----------|----------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                                                                                                                                                                                        |    | APPLICANT<br><b>Chiaki TANAKA, et al.</b>                  |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              |    | FILING DATE<br><b>3-18-04</b>                              | GROUP <b>1756</b> |                                     |                                                                  |           |                            |
| <b>U.S. PATENT DOCUMENTS</b>                                                                                                                                                                                                                 |    |                                                            |                   |                                     |                                                                  |           |                            |
| EXAMINER INITIAL                                                                                                                                                                                                                             |    | DOCUMENT NUMBER                                            | DATE              | NAME                                | CLASS                                                            | SUB CLASS | FILING DATE IF APPROPRIATE |
| MC                                                                                                                                                                                                                                           | AA | 5,976,746                                                  | 11/02/99          | TANAKA ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AB | 6,653,037                                                  | 11/25/03          | SAWADA ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AC | 6,699,632                                                  | 03/02/04          | HIGUCHI ET AL                       |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AD | 6,593,048                                                  | 07/15/03          | SASAKI ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AE | 6,194,535                                                  | 02/27/01          | KATAYAMA ET AL                      |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AF | 6,066,428                                                  | 05/23/00          | KATAYAMA ET AL                      |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AG | 6,045,959                                                  | 04/04/00          | KATAYAMA ET AL                      |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AH | 5,910,561                                                  | 06/08/99          | ADACHI ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AI | 5,846,680                                                  | 12/08/98          | ADACHI ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AJ | 6,503,676                                                  | 01/07/03          | YAMASHITA ET AL                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AK | 6,566,026                                                  | 05/20/03          | WATANABE ET AL                      |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AL | 6,069,224                                                  | 05/30/00          | ADACHI ET AL                        |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AM | 5,789,128                                                  | 08/04/98          | ADACHI ET AL                        |                                                                  |           |                            |
| MC                                                                                                                                                                                                                                           | AN | 6,191,249                                                  | 02/20/01          | TANAKA ET AL                        |                                                                  |           |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                                                                                                                                              |    |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              |    | DOCUMENT NUMBER                                            | DATE              | COUNTRY                             | TRANSLATION                                                      |           |                            |
| MC                                                                                                                                                                                                                                           | AO | 11-149180                                                  | 06/02/99          | Japan (English Abstract only)       | YES                                                              | NO        |                            |
|                                                                                                                                                                                                                                              | AP |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AQ |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AR |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AS |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AT |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AU |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AV |                                                            |                   |                                     |                                                                  |           |                            |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>                                                                                                                                                               |    |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AW |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AX |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AY |                                                            |                   |                                     |                                                                  |           |                            |
|                                                                                                                                                                                                                                              | AZ |                                                            |                   |                                     | <input type="checkbox"/> Additional References sheet(s) attached |           |                            |
| Examiner <u>MC /Mark Chapman/</u>                                                                                                                                                                                                            |    |                                                            |                   |                                     | Date Considered <u>04/26/2006</u>                                |           |                            |
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| Form PTO 1449<br>(Modified)                                                                                                                                                                                                                  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE       |          | ATTY DOCKET NO.<br>249475US0 |             | SERIAL NO. 10/802,887<br>New Application |                            |
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| LIST OF REFERENCES CITED BY APPLICANT                                                                                                                                                                                                        |    | APPLICANT                                                        |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              |    | Chiaki TANAKA, et al.                                            |          | FILING DATE 3-18-04          |             | GROUP 1756                               |                            |
| <b>U.S. PATENT DOCUMENTS</b>                                                                                                                                                                                                                 |    |                                                                  |          |                              |             |                                          |                            |
| EXAMINER INITIAL                                                                                                                                                                                                                             |    | DOCUMENT NUMBER                                                  | DATE     | NAME                         | CLASS       | SUB CLASS                                | FILING DATE IF APPROPRIATE |
| MC                                                                                                                                                                                                                                           | AA | 5,942,363                                                        | 08/24/99 | TANAKA ET AL                 |             |                                          |                            |
|                                                                                                                                                                                                                                              | AB | 5,723,243                                                        | 03/03/98 | SASAKI ET AL                 |             |                                          |                            |
|                                                                                                                                                                                                                                              | AC | 6,018,014                                                        | 01/25/00 | NAGAI ET AL                  |             |                                          |                            |
|                                                                                                                                                                                                                                              | AD | 5,840,454                                                        | 11/24/95 | NAGAI ET AL                  |             |                                          |                            |
|                                                                                                                                                                                                                                              | AE | 6,066,757                                                        | 05/23/00 | TANAKA ET AL                 |             |                                          |                            |
|                                                                                                                                                                                                                                              | AF | 5,641,598                                                        | 06/24/97 | TANAKA ET AL                 |             |                                          |                            |
|                                                                                                                                                                                                                                              | AG | 6,271,356                                                        | 08/07/01 | SHIMADA ET AL                |             |                                          |                            |
|                                                                                                                                                                                                                                              | AH | 6,184,362                                                        | 08/07/01 | SHIMADA ET AL                |             |                                          |                            |
|                                                                                                                                                                                                                                              | AI | 6,103,435                                                        | 08/15/00 | SHIMADA ET AL                |             |                                          |                            |
|                                                                                                                                                                                                                                              | AJ | 5,981,124                                                        | 11/09/99 | SHIMADA ET AL                |             |                                          |                            |
|                                                                                                                                                                                                                                              | AK | 5,808,155                                                        | 09/15/98 | SHIMADA ET AL                |             |                                          |                            |
|                                                                                                                                                                                                                                              | AL | 5,663,407                                                        | 09/02/97 | SHIMADA ET AL                |             |                                          |                            |
| ↓                                                                                                                                                                                                                                            | AM | 5,547,792                                                        | 08/20/96 | SHIMADA ET AL                |             |                                          |                            |
| MC                                                                                                                                                                                                                                           | AN | 5,434,028                                                        | 07/18/95 | SHIMADA ET AL                |             |                                          |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                                                                                                                                              |    |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              |    | DOCUMENT NUMBER                                                  | DATE     | COUNTRY                      | TRANSLATION | YES                                      | NO                         |
|                                                                                                                                                                                                                                              | AO |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AP |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AQ |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AR |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AS |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AT |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AU |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AV |                                                                  |          |                              |             |                                          |                            |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>                                                                                                                                                               |    |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AW |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AX |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AY |                                                                  |          |                              |             |                                          |                            |
|                                                                                                                                                                                                                                              | AZ | <input type="checkbox"/> Additional References sheet(s) attached |          |                              |             |                                          |                            |
| Examiner /Mark Chapman/                                                                                                                                                                                                                      |    |                                                                  |          | Date Considered 04/26/2006   |             |                                          |                            |
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| Form PTO 1449<br>(Modified)                                                                                                                                                                                                                  |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>249475US0 |                            | SERIAL NO. 10/802,887<br>New Application                         |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------|----------|------------------------------|----------------------------|------------------------------------------------------------------|----------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                                                                                                                                                                                        |    | APPLICANT                                                  |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              |    | Chiaki TANAKA, et al.                                      |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              |    | FILING DATE 3-18-04<br>Herewith                            |          | GROUP 1756                   |                            |                                                                  |                            |
| <b>U.S. PATENT DOCUMENTS</b>                                                                                                                                                                                                                 |    |                                                            |          |                              |                            |                                                                  |                            |
| EXAMINER INITIAL                                                                                                                                                                                                                             |    | DOCUMENT NUMBER                                            | DATE     | NAME                         | CLASS                      | SUB CLASS                                                        | FILING DATE IF APPROPRIATE |
| MC                                                                                                                                                                                                                                           | AA | 5,480,753                                                  | 01/02/96 | SHIMADA ET AL                |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AB | 5,420,332                                                  | 05/30/95 | SHIMADA ET AL                |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AC | 5,672,728                                                  | 09/30/97 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AD | 5,616,805                                                  | 04/01/97 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AE | 5,587,516                                                  | 12/24/96 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AF | 5,599,995                                                  | 02/04/97 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AG | 5,576,132                                                  | 11/19/96 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AH | 5,457,232                                                  | 10/10/95 | TANAKA ET AL                 |                            |                                                                  |                            |
| V                                                                                                                                                                                                                                            | AI | 5,459,275                                                  | 10/17/95 | TANAKA ET AL                 |                            |                                                                  |                            |
| MC                                                                                                                                                                                                                                           | AJ | 5,344,985                                                  | 09/06/94 | TANAKA ET AL                 |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AK |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AL |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AM |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AN |                                                            |          |                              |                            |                                                                  |                            |
| <b>FOREIGN PATENT DOCUMENTS</b>                                                                                                                                                                                                              |    |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              |    | DOCUMENT NUMBER                                            | DATE     | COUNTRY                      | TRANSLATION<br>YES         | NO                                                               |                            |
| AO                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AP                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AQ                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AR                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AS                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AT                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AU                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| AV                                                                                                                                                                                                                                           |    |                                                            |          |                              |                            |                                                                  |                            |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>                                                                                                                                                               |    |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AW |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AX |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AY |                                                            |          |                              |                            |                                                                  |                            |
|                                                                                                                                                                                                                                              | AZ |                                                            |          |                              |                            | <input type="checkbox"/> Additional References sheet(s) attached |                            |
| Examiner /Mark Chapman/                                                                                                                                                                                                                      |    |                                                            |          |                              | Date Considered 04/26/2006 |                                                                  |                            |
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